

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Pollution Control 6th Floor Annex, L&C Tower, 401 Church Street, Nashville, Tennessee 37243

1-888-891-8332 (TDEC)

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Street Address or Location: Construction Start Date: Estimated End Date:						
Site Description: Construction of a new Restaurant-Mulligan's Latitude (dd.dddd): 35.6855 Longitude (-dd.dddd): -88.8632 County(ies): Madison, Tennessee MS4 Jurisdiction: Jackson Jackson Jurisdiction: Jackson Jac						
County(ies): Madison, Tennessee MS4 Jurisdiction: Jackson Acres Disturbed: Total Acres: 1.146 Does a topographic map show dotted or solid blue lines and/or wetlands on or adjacent to the construction site? If wetlands are located on-site and may be impacted, attach wetlands delineation report. If an Aquatic Resource Alteration Permit has been obtained for this site, what is the permit number? Receiving waters: By way of overland flow to an offsite detention pond to unnamed tributary of Moize Creek Attach the SWPPP with the NOI SWPPP Attached Attach a site location map Map Attached Name of Site Owner or Developer (Site-Wide Permittee): (person, company, or legal entity that has operational or design control over construction plans and specifications) Site Owner or Developer Contact Name: (individual responsible for site) Makey Truett Mailing Address: State: Zip: Title or Position: (the party who signs the certification below): Owner Mary Truett State: Zip: TN 38305 Phone: 731- 394- 4445 Fax: 38705 / E-mail: Mary truett Mary truett Acres Disturbed: 1.146 Total Acres: 1.146 Total Acres 1.146 Total Acres 1.146 Total Acres 1.146 T						
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731-394-4445 marytruette aol.com						
Optional Contact: Ken Brasfield Title or Position:						
Mailing Address: State: Zip:						
Phone: Fax: E-mail:						
731-668-4168 Kan@ brasfield construction. com						
Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)						
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						
Owner or Developer Name (print or type) Truett Signature: law huet 19-oct-16						
Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)						
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities onsite are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements.						
Primary contractor name and address: (print or type) Signature: Date:						
Other contractor name and address: (print or type) Signature: Date:						
Other contractor name and address: (print or type) Signature: Date:						
Date.						
OFFICIAL STATE USE ONLY						
Received Date: Reviewer: Field Office: Permit Number Exceptional TN Water:						
0-21-10 70 00 TNR 21888 NO						
T & E Aquatic Flora and Fauna: Impaired Receiving Stream: Yes Notice of Coverage Date:						

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Purpose of this form A completed notice of intent (NOI) must be submitted to obtain coverage under the Tennessee General NPDES Permit for Discharges of Stormwater Associated with Construction Activity (permit). Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's claim of ability to be in compliance with permit terms and conditions. This permit is required for stormwater discharge(s) from construction activities including clearing, grading, filling and excavating (including borrow pits) of one or more acres of land. This form should be submitted at least 30 days prior to the commencement of land disturbing activities, or no later than 48 hours prior to when a new operator assumes operational control over site specifications or commences work at the site.

<u>Permit fee</u> (see table below) must accompany the NOI and is based on total acreage to be disturbed by an entire project, including any associated construction support activities (e.g. equipment staging yards, material storage areas, excavated material disposal areas, borrow or waste sites). There is no fee for sites less than 1 acre.

Acres Disturbed	= or > 150 acres	= or > 50 < 150 acres	= or > 5 < 50 acres	= or > 1 < 5 acres
Fee	\$7,500	\$4,000	\$1,000	\$250

Who must submit the NOI form? Per Section 2 of the permit, all site operators must submit an NOI form. "Operator" for the purpose of this permit and in the context of stormwater associated with construction activity means any person associated with a construction project who meets either or both of the following two criteria: (1) The person has operational or design control over construction plans and specifications, including the ability to make modifications to those plans and specifications. This person is typically the owner or developer of the project or a portion of the project (e.g. subsequent builder), or the person that is the current land owner of the construction site. This person is considered the primary permittee; or (2) The person has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions. This person is typically a contractor or a commercial builder who is hired by the primary permittee, and is considered a secondary permittee.

Owners, developers and all contractors that meet the definition of the operator in subsection 2.2 of the permit shall apply for permit coverage on the same NOI, insofar as possible. After permit coverage has been granted to the primary permittee, any subsequent NOI submittals must include the site's previously assigned permit tracking number and the project name. The comprehensive site-specific SWPPP shall be prepared in accordance with the requirements of part 3 of the permit and must be submitted with the NOI unless the NOI being submitted is to only add a contractor (secondary permittee) to an existing coverage.

Notice of Coverage The division will review the NOI for completeness and accuracy and prepare a notice of coverage (NOC). Stormwater discharge from the construction site is authorized as of the effective date of the NOC.

Complete the form Type or print clearly, using ink and not markers or pencil. Answer each item or enter "NA," for not applicable, if a particular item does not fit the circumstances or characteristics of your construction site or activity. If you need additional space, attach a separate piece of paper to the NOI form. The NOI will be considered incomplete without a permit fee, a map, and the SWPPP.

Describe and locate the project Use the legal or official name of the construction site. If a construction site lacks street name or route number, give the most accurate geographic information available to describe the location (reference to adjacent highways, roads and structures; e.g. intersection of state highways 70 and 100). Latitude and longitude (expressed in decimal degrees) of the center of the site can be located on USGS quadrangle maps. The quadrangle maps can be obtained at the USGS World Wide Web site: http://www.usgs.gov/; latitude and longitude information can be found at numerous other web sites. Attach a copy of a portion of a 7.5 minute quad map, showing location of site, with boundaries at least one mile outside the site boundaries. Provide estimated starting date of clearing activities and completion date of the project, and an estimate of the number of acres of the site on which soil will be disturbed, including borrow areas, fill areas, stockpiles and the total acres. For linear projects, give location at each end of the construction area.

Give name of the receiving waters Trace the route of stormwater runoff from the construction site and determine the name of the river(s), stream(s), creek(s), wetland(s), lake(s) or any other water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not be located on the construction site. If the first water body receiving construction site runoff is unnamed tributary"), determine the name of the water body that the unnamed tributary enters.

ARAP permit may be required If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP). If you have a question about the ARAP program or permits, contact your local Environmental Field Office (EFO).

<u>Submitting the form and obtaining more information</u> Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 2.5. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the construction activity is located, addressed to **Attention: Stormwater NOI Processing.**

EFO Street Address		Zip Code	EFO	Street Address	Zip Code 38506	
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	19 Cookeville 1221 South Willow Ave.			
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	540 McCallie Avenue STE 550	37402-2013	
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921	
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601	

UNION STATION FOR ROBERT REYNOLDS LOT 306-B JACKSON, TENNESSEE TNR121670

STORM WATER POLLUTION PREVENTION PLAN

GENERAL INFORMATION

This Storm Water Pollution Prevention Plan (SWPPP) is developed in accordance with the Tennessee General NPDES Permit (TNR 100000) for Storm Water Discharges Associated with Construction Activity (TNCGP), and is prepared using sound engineering practices. TLM Associates, Inc. personnel involved with the development of this plan have completed the Design of Vegetative and Structural Measures for Erosion Prevention and Sediment Control Course available from the State of Tennessee.

As instructed by Section 1.4 of the General NPDES Permit, this plan and all attachments are hereby submitted to the local Environmental Assistance Center (EAC), along with the complete, correctly signed Notice of Intent (NOI). Construction will not be initiated prior to 30 days from the date of submittal of this document, or prior to receipt of a Notice of Coverage (NOC) from the Tennessee Department of Environment and Conservation (TDEC).

Owner/Developer:	Owner: Address: City, State, Zip: Phone: Contact Person:	1-394-444	5	
supervision in accordance evaluated the information those persons directly res	f law that this document e with a system designed submitted. Based on my sponsible for gathering the e, accurate, and complete	at and all attachmer ed to assure that of y inquiry of the person ine information, the in e. I am aware that the	nts were prepared under qualified personnel properl on or persons who managen formation submitted is, to here are significant penaltie	ly gathered and e the system, o o the best of my
Representative of Owner/De	eveloper name and title:	Signature (must/be sequivalent ranking of	signed by President, VP or	Date:

Primary Contractor:

Contractor Name:

Address:

City, State, Zip: Phone:

Contact Person:

I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above, and/or my inquiry of the person directly responsible for assembling this NOI, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements.

Company name of primary Contractor:	Signature (must be signed by president, V.P. or	Date:
Brasfield Construction, In	a acceleration to the control of the	190cT16

The contractor will be responsible for installation, maintenance, certification and inspection of erosion and sediment control measures. Once a contractor has been selected, the person responsible for these items will be Jaff Braskel cell phone number: 731-234-2120, and TNEPSC Cert. number: 1 2 1 3 96

Current versions of this SWPPP, the NOI, and the NOC will be kept on the site for the duration of the project. These items will be available for the use of all operators and site personnel involved with erosion and sediment controls and will be available to TDEC personnel visiting the site. A notice will be posted near the construction entrance containing a copy of the NOC with the tracking number assigned by the EAC, the name and telephone number of a contact person for the development, and a brief description of the project.

Any new Contractor on the project that has any responsibility to install, inspect, or maintain erosion or sediment control measures will sign the Contractor's certification on a copy of the NOI (Appendix A) and will submit it to the local EAC. Any correspondence with TDEC or any EAC will reference the tracking number assigned by TDEC to the project. The owner will submit a Notice of Termination (NOT: Appendix B) after the complete installation and successful establishment of the final stabilization activities at the site.

It is the intention and goal of the TNCGP and this SWPPP that any discharge from the property described in this document have no objectionable color contrast to the water body that receives it. The construction activity will be carried out in such a manner as will prevent any discharge that would cause a condition in which visible solids, bottom deposits, or turbidity impairs the usefulness of the waters on the property or downstream of the property for fish and aquatic life, livestock watering and wildlife, recreation, irrigation, navigation, or industrial or domestic water supply.

This plan may be amended if modification is deemed necessary to obtain the goals stated in the previous paragraph. When the plans are revised, the Contractor will implement the changes to erosion and sediment controls within 48 hours after the need for modification is identified.

EXISTING SITE CONDITIONS

The project site is located at 1376 Union University Dr., Jackson, TN and currently consists as a grass field. The existing slopes at the site range from 1% to 8%. County Soil Surveys indicate that the soils present at the site are primarily Lexington Silt Loam and Grenada Silt Loam with a small portion being Memphis Silt Loam as shown in the attached soil report. Soil GrC3 and soil GrB fall in hydrologic group "C" with soil LeC3 and MeB falling into hydrologic group "B". The pre-developed TR-55 curve number is 65. These soils are moderate to well draining and subject to moderate erosion, but can be managed with proper erosion control and BMP's. There are not any industrial discharges or wetlands present at the site.

Runoff leaves the project site via overland flow, collected in a detention pond offsite, then enters the city storm sewer system, into an unnamed tributary and ultimately enters Moize Creek. There are no identified existing wetlands that will be impacted by this project. The project site does not encroach upon the 100 year flood plain.

PROJECT DESCRIPTION

The project will consist of the construction of a new retail center and a new restaurant as well as their associated parking lot and utilities. This project will disturb approximately 3.12 acres. Drainage flow through the project area can be broken into 3 drainage basins as shown on the attached drainage map. None of these basins exceed 10 acres. Post construction runoff will be collected in catch basins and piped to the existing city storm sewer system. The post construction TR-55 curve number will be 89. Post construction slopes will range from 1% to 33%.

INSPECTIONS

Inspections must be conducted by qualified personnel who have completed the "Fundamentals of Erosion Prevention and Sediment Control" course or an accepted equivalent.

Inspections must be conducted at least twice every calendar week. Inspections shall be performed at least 72 hours apart. Inspections will cover all disturbed areas that have not undergone final stabilization, storage areas, sediment control structures, outfall points, and the nearby streams. The inspections will be conducted with the purpose of determining whether erosion prevention and sediment control measures are effective in preventing impacts to receiving waters. All locations where vehicles enter or exit the site will be inspected for evidence of off site sediment tracking. Upon inspection, any control measure determined to be in disrepair or installed improperly shall be repaired or modified as necessary. If the controls are installed and maintained correctly but are found to provide inadequate level of protection, revisions to this plan will be made and these revisions will be implemented by the Contractor. Any repairs or modifications deemed necessary will be performed before the next rain event if possible. All repairs and modifications must be made no later than 7 days after the need has been established.

Inspections shall be documented and include the scope of the inspection, name(s) and title and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the storm water pollution prevention plan (including the location(s) of discharges of sediment or other pollutants from the site and of any control device that failed to operate as designed or proved inadequate for a particular location,) and actions taken. All inspection documentation must be maintained on site. Permittees shall also maintain a rain gauge and daily rainfall records at the site, or use a reference site for a record of daily amount of precipitation.

Any modification of plans or specifications for sediment basins or other sediment controls involving structural, hydraulic, hydrologic, or other engineering calculations will be prepared by and stamped by a licensed professional engineer or landscape architect.

All site assessment documentation will be kept at the job site with the Storm Water Pollution Prevention Plan documentation.

303(D) SPECIAL REQUIREMENTS

Discharge from the Project enters Moize Creek by way of city storm sewer system. Moize Creek in Madison County is listed on the State of Tennessee's 303(d) list of streams impaired due to siltation. According to Section 4.4.1 of the permit, there are additional requirements for these discharges.

All erosion and sediment controls used at the site shall be designed to control storm runoff generated by a 5-year, 24-hour storm event. When clay and other fine particle soils are found on sites, additional physical or chemical treatment of storm water runoff may be used.

The permittee must certify that the twice weekly inspections of erosion and sediment controls and of outfall points were performed. The permittee must also certify whether or not all planned and designed erosion prevention and sediment controls are installed and in working order. The permittee must make this certification on a quarterly basis on the form provided in Appendix C. The person responsible for the certifications on this project is listed in the general information section of this SWPPP. The record of certifications must be kept at the construction site with a copy of the SWPPP.

SPILLS AND NON-STORM WATER CONTINGENCIES

If a release containing a hazardous substance in an amount equal to or in excess of a reporting quantity established under either 40 CFR 117 or 40 CFR 302 occurs during a 24-hour period, the Contractor will immediately notify the Permittee who shall then do the following: notify the National Response Center (NRC) (800-424-8802) and the Tennessee Emergency Management Agency (TEMA) (emergencies: 800-262-3300; non-emergencies: 800-262-3400); as well as the local Environmental Assistance Center. Also, a revision of this document to identify measures to prevent the reoccurrence of such release will be prepared. Each Contractor is responsible to provide litter control for trash generated by his crew. Paint cans, oil cans, used oil, and filters will be contained and disposed of by the Contractor by taking them to the local Hazardous Waste Disposal Center. The contractor shall also be responsible for providing temporary restroom facilities for personnel use during construction.

Water used to remove soil or dust from vehicles may be discharged onto a stabilized area. Use of detergents is not permitted. Washing of vehicles to remove petroleum products or other non-soil materials is not permitted. Washing out of concrete trucks is only to be done into the designated concrete truck washout area. Concrete trucks will not be allowed to dispose of excess concrete or wash chutes at any location other than the designated concrete truck washout area. The concrete truck washout may be either above-grade or below-grade. An above grade washout should consist of a ring of staked hay bales lined (sides and bottom) with an impermeable layer of 10-mil plastic sheeting. A below grade washout should consist of an excavated pit lined with an impermeable layer of 10-mil plastic sheeting and surrounded by temporary silt fence. The volume of either type washout should be sufficient to hold the anticipated concrete volume with a minimum 4" freeboard. Recommended minimum dimensions are 10'x10'.

OFFSITE TRACKING OF SEDIMENTS

The contractor shall establish and maintain a proactive method to prevent the offsite migration of sediment. All vehicles shall be cleaned of sediments before leaving the project site to avoid tracking soil onto streets. If the Construction Entrance fails to provide adequate sediment removal, the tires should be washed prior to exit onto public roadways. When tire washing is necessary, a tire wash rack designed in accordance with the Tennessee Erosion and Sediment Control Handbook- August 2012 shall be provided.

Airborne or surface dust is to be minimized by prompt stabilization with temporary or permanent vegetation cover or gravel cover. If dust is a problem prior to establishment of stabilizing cover, irrigation, calcium chloride, or tackifier should be applied in accordance with the guidelines given in the Tennessee Erosion and Sediment Control Handbook- August 2012. Any sediment, which is tracked onto streets, must be removed immediately.

OFF-SITE ACCUMULATIONS OF SEDIMENT

If sediment escapes the construction site, off-site accumulations of sediment that have not reached a stream must be removed at a frequency sufficient to minimize offsite impacts (e.g., fugitive sediment that has escaped the construction site and has collected in a street must be removed so that it is not subsequently washed into storm sewers and streams by the next rain and/or so that it does not pose a safety hazard to users of public streets). Permittees shall not initiate remediation/restoration of a stream without consulting the division first. This permit does not authorize access to private property.

- Vegetative Ground Cover Existing vegetation will remain as long as possible to prevent erosion.

 Clearing and grubbing shall not be initiated more than 15 calendar days prior to grading or earth moving activities unless the area is temporarily seeded and mulched.
- Concrete Truck Washout Concrete washout may be either above-grade or below grade. An above-grade washout should consist of a ring of staked hay bales lined (sides and bottom) with an impermeable layer of 10-mil plastic sheeting. A below-grade washout should consist of an excavated pit lined with an impermeable layer of 10-mil plastic sheeting and surrounded by temporary silt fence. The volume of either type washout should be sufficient to hold the anticipated concrete volume with a minimum 4" freeboard. Recommended minimum dimensions are 10' x 10'.

Permanent Stabilization – Areas of final grade will be sodded with permanent grass appropriate for the season to protect from erosion. Areas where the final slope exceeds 3:1 will be stabilized with a permanent erosion control blanket unless noted otherwise. Areas of excessive slope that are also susceptible to high flow volumes shall be stabilized with riprap.

POLLUTANT CONTROL

The Contractor shall establish and maintain a proactive method to prevent litter, construction debris and construction chemicals from entering waters of the State/U.S. Litter and construction debris exposed to storm water will be picked up prior to anticipated storm events (e.g. forecasted local weather reports), or otherwise prevented from becoming a pollutant source for storm water discharges to waters of the State/U.S. (e.g. screening outfalls, daily pick-up, etc.).

SEQUENCING OF WORK

- 1. All temporary sediment barriers will be installed as shown on the Erosion Control Plan before any land-disturbing activity begins.
- 2. The contractor shall establish and maintain a proactive method to prevent the off-site migration or deposit of sediment on roadways used by the general public. Land-disturbing activity will begin with the installation of the construction entrance.
- 3. Pre-construction vegetative ground cover will not be destroyed, removed or disturbed more than 10 days prior to grading or earth moving unless the area is seeded and/or mulched or other temporary cover is installed.
- 4. Once the construction entrance is installed, the construction of the building pad, parking lot sub grade, drives and primary utilities will start.
- 5. Borrow and waste disposal areas shall be located in non-wetland areas and above the 100-year, federal emergency management agency floodplain. Borrow and waste disposal areas shall not affect any waters of the State/U.S. unless these areas are specifically covered by an ARAP, 404, or NPDES permit, obtained solely by the contractor.
- 6. Cut and fill activities will continue until the building pad and parking lot have reached sub grade elevations. Sediment will be removed from silt fences and other sediment controls as instructed in the Sediment and Erosion Control Measures section. Sediment removed from sediment control structures shall be placed and be treated in a manner so that the sediment is contained within the project limits and does not migrate into waters of the State/U.S.
- 7. Work on the parking lot will progress until the point the granular base can be applied to these areas before construction of the building is initiated.

- 8. Stabilization will be accomplished as soon as practicable after attainment of final grade and no later than seven days after attaining final grade. Where earth-disturbing activity has been temporarily ceased, temporary stabilization will be applied within seven days if the activity will not resume within fourteen days. The dates when major grading activities occur, the dates when construction activities temporarily or permanently cease and the dates when stabilization measures are initiated will be recorded and maintained on site.
- 9. Construction of the new buildings will be initiated at this time.
- 10. Construction of the buildings and parking lot will be completed and the site will be completely stabilized with sod.
- 11. Temporary erosion and sediment control measures will be removed once the disturbed areas are fully stabilized. After use, silt fences will be removed to be prevented from becoming a pollutant source for storm water discharges. A Notice of Termination shall be filed once development and stabilization are complete.



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION ENVIRONMENTAL FIELD OFFICE

1625 Hollywood Drive Jackson, TN 38305

(731)512-1300 STATEWIDE 1-888-891-8332 (731)661-6283

Receipt: EAC-J-6281

Date of Receipt: 21-Oct-2016 11:00 am

Created By: Sue Ellen Verbiest (BG51015)

County: Madison

n **EFO/Office:** Jackson Field Office

Received From: Ken Brasfield

Company/Affiliation: Brasfield Construction, Inc.

Recipient Address: 41 Miller Avenue

JACKSON, TN-38303

Amount Received:

\$250.00

Method of Payment: CHECK

Check Number: 6466

Comments: TNR 121888

Division	Description	TDEC Code	Quantity	Unit Price	Line Total
WPC	WPC-NOI \$250 Permit Application	43.340.F02	1	\$250.00	\$250.00

Receipt Total:

\$250.00